

What is claimed is:

1. Shed forming device for a weaving machine, comprising
two or more sets of hooks (2) which are provided with
5 complementary hooks (2a, 2b), operating in
conjunction with a pulley (40), characterized in that
the complementary hooks (2a, 2b) of one set of hooks
(2) are operating in conjunction with one pulley
(40), and a number of first pulleys (40a) of one or
10 more sets of hooks (20a) are provided in an upper row
(10), and a number of second pulleys (40b) of one or
more second sets of hooks (20b) are provided in a
lower row (101).
2. Shed forming device according to claim 1,
15 characterized in that a first (20a) and a second
adjacent set of hooks (20b) operating in conjunction
with a first pulley (40a) from the upper row (100)
and a second pulley (40b) from the lower row (101)
respectively, will overlap one another, at least
20 partly, when projected on a horizontal plane.
3. Shed forming device according to claim 1 or 2,
characterized in that, after projection on a
horizontal plane, the distance between a first set of
hooks (20a) operating in conjunction with a first
25 pulley (40a) from the upper row (100) and a second
adjacent set of hooks (20b) operating in conjunction
with a second pulley (40b) from the lower row (101)
is shorter than the total of half the width of said
first pulley (40a) and half the width of said second
30 pulley (40b).
4. Shed forming device according to any one of the
claims 1 up to and including 3, characterized in that
said first (40a) and second pulley (40b) are shifted
widthwise over half a pitch.
- 35 5. Shed forming device according to any one of the

- claims 1 up to and including 4, characterized in that said first (40a) and second pulley (40b) are each provided with one or more pulley cords (5, 15, 16) and in that said adjacent first pulleys (40a) are practically resting against one another and said adjacent second pulleys (40b) are practically resting against one another and are provided with a recess (9), so that the pulley cords (15) connecting the complementary hooks (2a, 2b) of the second sets of hooks (20b) may extend upwards over an upper pulley wheel (4a) of the second lower pulleys (40b), in the recesses (9) of two adjacent first upper pulleys (40a) and the pulley cords (16) being connected to one or more heddles and return springs of a Jacquard weaving machines over a lower pulley wheel (4b) of the first upper pulleys (40a) may extend downwards in the recesses (9) of two adjacent lower pulleys (40b).
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6. Shed forming device according to any one of the preceding claims, characterized in that the device is provided with single lifting elements (3) in order to take along the sets of hooks (20) on selection.
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7. Shed forming device according to any one of the preceding claims, characterized in that the device (1) is used in a two- or more-position open shed Jacquard machine.
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8. Weaving machine comprising a shed forming device (1) according to any one of the preceding claims.